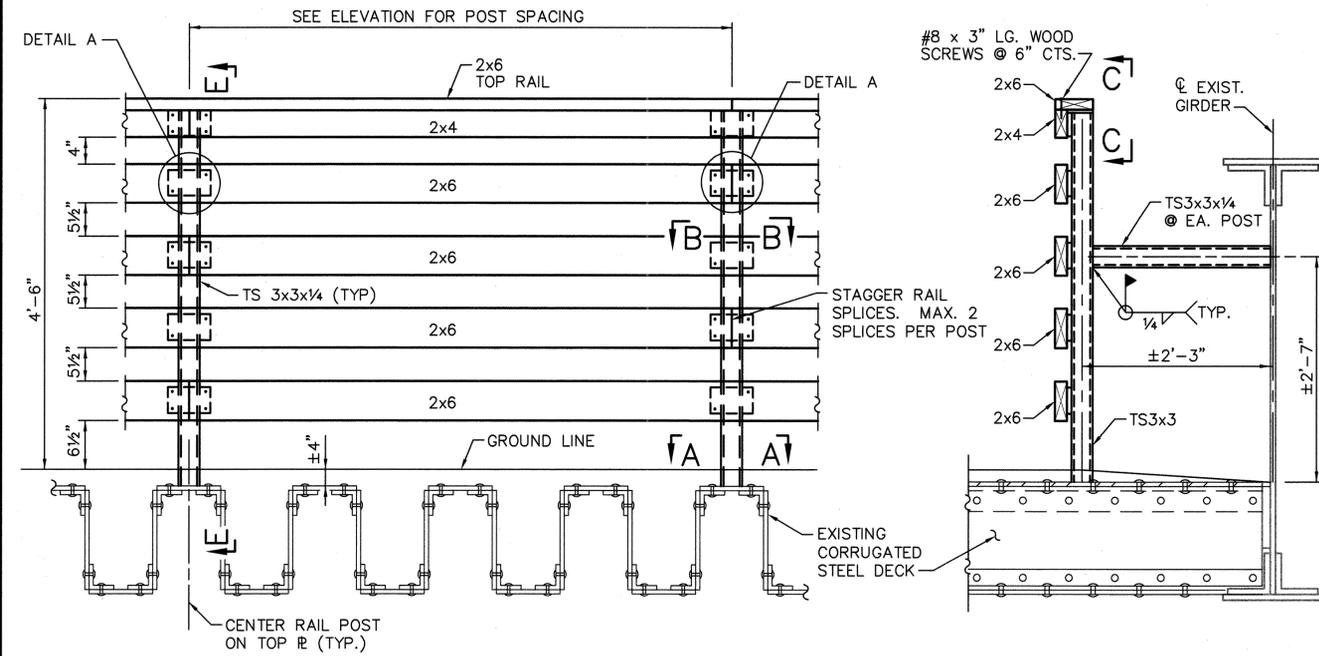


SHEET NO: 2
2 SHEETS

SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
01-00014-01-BT	MADISON	160	77
STA. 116+88			

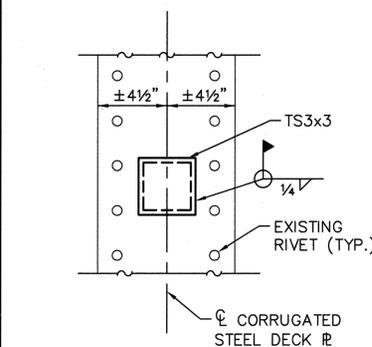
NOTES

- ALL STRUCTURAL STEEL SHALL BE HIGH STRENGTH, SELF-WEATHERING, LOW-ALLOY, ENHANCED CORROSION RESISTANT STEEL CONFORMING TO THE FOLLOWING STANDARDS:
HOLLOW TUBING: ASTM A847 OR A606
BARS, PLATES, AND SHAPES: ASTM A588 OR A242
ALL WELDING SHALL BE PERFORMED IN ACCORDANCE WITH AWS UTILIZING MATERIAL WHICH WILL WEATHER SIMILAR TO THE BASE METAL OF THE JOINT.
- ALL BOLTS, ANCHORS, NUTS, AND WASHERS SHALL BE STAINLESS STEEL IN ACCORDANCE WITH ARTICLE 1006.29(d) OF THE STANDARD SPECIFICATIONS. BOLT HOLES IN LUMBER SHALL BE AS SPECIFIED IN THE STANDARD SPECIFICATIONS.
- ALL LUMBER SIZES SHOWN ARE NOMINAL DIMENSIONS.
- ALL LUMBER SHALL BE SURFACED FOUR SIDES.
- THE COST FOR ALL HARDWARE INCLUDING BOLTS, WASHERS, NUTS AND SCREWS COMPLETE WITH MATERIAL AND INSTALLATION SHALL BE INCLUDED IN THE BID UNIT PRICE FOR TREATED TIMBER.
- WELDED WIRE MESH SHALL CONSIST OF 16 GAGE STAINLESS STEEL WIRE SPACED AT 1/2" IN EACH DIRECTION. WIRES SHALL BE WOVEN AND AUTOMATICALLY WELDED TO CROSS WIRES. THE COST FOR WELDED WIRE MESH COMPLETE WITH MATERIAL AND INSTALLATION SHALL BE INCLUDED IN THE BID UNIT PRICE FOR FURNISHING AND ERECTING STRUCTURAL STEEL.
- ALL TREATED TIMBER MEMBERS SHALL MEET THE REQUIREMENTS OF SECTION 1007.05 OF THE STANDARD SPECIFICATIONS (NO. 1 DENSE SR 1550 F FOR SOUTHERN PINE OR NO. 1 DENSE 1400 F FOR DOUGLAS FIR) AND HAVE A PRESERVATIVE TREATMENT IN ACCORDANCE WITH SECTION 1007.12(a)(3) OF THE STANDARD SPECIFICATIONS. RAILS SHALL HAVE A MINIMUM RETENTION OF 0.25 POUNDS PER CUBIC FOOT. EACH MEMBER SHALL CARRY A GRADE STAMP AND QUALITY ASSURANCE STAMP INDICATING CLASS OF TIMBER AND CHEMICAL RETENTION.

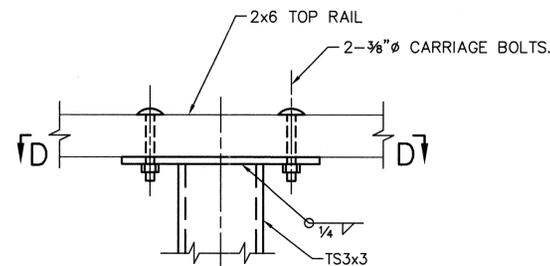


BRIDGE RAIL ELEVATION

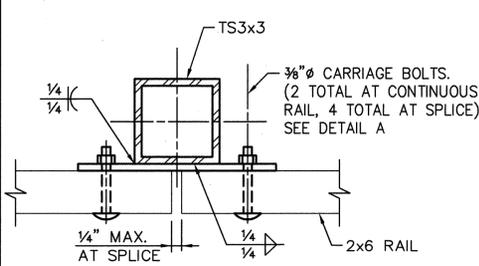
SECTION E-E



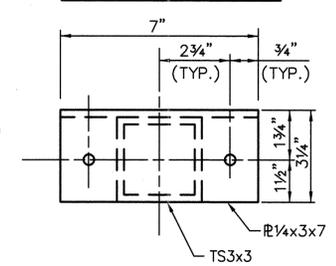
SECTION A-A



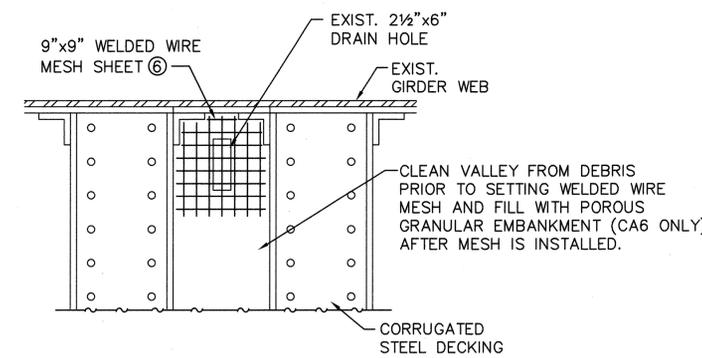
SECTION C-C



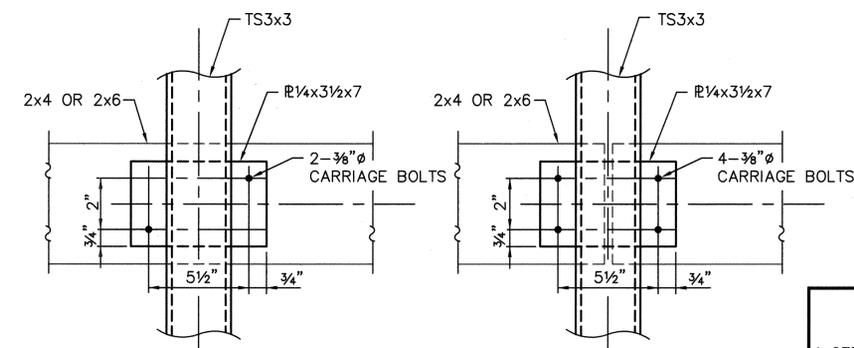
SECTION B-B



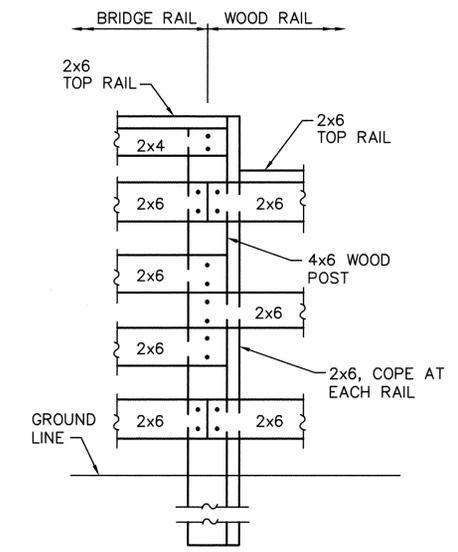
SECTION D-D



WIRE MESH DETAIL



DETAIL A
(SPLICE RAIL AT EVERY OTHER RAIL POST)



END POST DETAIL

(END POST AND RAILING CONTINUATION PAID FOR AS "WOOD RAIL". SEE BIKEWAY SHEETS FOR DETAILS)

PLANS PREPARED BY:
OATES ASSOCIATES, INC.
CONSULTING ENGINEERS

I CERTIFY THE STRUCTURAL DESIGN OF THE RAILING FOR THE REQUIRED LOADINGS.

DATE: 01/14/04
EXPIRES: 11/30/04

BRIDGE RAIL DETAILS
SCHOOLHOUSE TRAIL CONNECTOR
OVER HERITAGE TRAIL
SECTION 01-00014-01-BT
MADISON COUNTY TRANSIT
STA. 116+88